WHAT IS CLAIMED AS NEW AND DESIRED TO BE SECURED BY LETTERS PATENT OF THE UNITED STATES IS:

1. A mobile wireless apparatus comprising:

a receiving unit configured to receive a packet having a first data portion including destination information from a first base station wireless apparatus, the receiving unit detecting an electrical field intensity of a radio signal associated with the packet and outputting a corresponding electrical field intensity data; and

a radio control channel (RCCH) analyzing unit configured to determine a destination of the packet based upon the destination information, wherein the receiving unit selectively switches a reception channel to a second base station wireless apparatus that is adjacent to the base station wireless apparatus during receipt of a second data portion of the packet, the receiving unit detecting an electrical field intensity associated with the second base station wireless apparatus and outputting a corresponding electrical field intensity data.

2. The apparatus according to claim 1, further comprising:

a Common Control Channel (CCCH) analyzing unit configured to obtain channel information associated with the second base station wireless apparatus, wherein the channel information is included in the second data portion; and

a storage unit configured to store the channel information.

3. The apparatus according to claim 2, wherein the electrical field intensity data of the first base station wireless apparatus and the electrical field intensity data of the second base station wireless apparatus are stored in the storage unit, and upon the mobile wireless apparatus moving out of a communication area of the first base station wireless apparatus, the receiving unit switches the reception channel based upon the stored electrical field intensity data.

4. The apparatus according to claim 3, further comprising:

an electrical field intensity obtaining unit configured to instruct the storing of the electrical field intensity data in the storage unit in accordance with a timing signal from the RCCH analyzing unit; and

a Phase Locked Loop (PLL) unit coupled to the receiving unit configured to switch the reception channel.

5. The apparatus according to claim 1, wherein the electrical field intensity data of the first base station wireless apparatus and the electrical field intensity data of the second base station wireless apparatus are stored in the storage unit, and upon the mobile wireless apparatus moving out of a communication area of the first base station wireless apparatus, the receiving unit switches the reception channel based upon the plurality of electrical field intensity data.

6. A method of performing wireless communication with a plurality of base station wireless apparatuses, the method comprising:

receiving a packet having a first data portion that includes destination information from a first one of the base station wireless apparatuses;

detecting an electrical field intensity of a radio signal associated with the packet;

outputting an electrical field intensity data corresponding to the detected electrical field intensity;

determining a destination of the packet based upon the destination information;

receiving a second data portion of the packet;

selectively switching a reception channel to a second one of the base station wireless apparatuses that is adjacent to the first one of the base station wireless apparatus during the step of receiving the second data portion based upon the determining step; and selectively detecting an electrical field intensity associated with the second base station wireless apparatus and outputting a corresponding electrical field intensity data.

7. The method according to Claim 6, further comprising:

obtaining channel information associated with the second base station wireless apparatus, wherein the channel information is included in the second data portion; and

storing the channel information.

8. The method according to Claim 7, further comprising:

storing the electrical field intensity data of the first base station wireless apparatus and the electrical field intensity data of the second base station wireless apparatus,

wherein the switching step is based upon the stored electrical field intensity data.

9. The method according to Claim 8, further comprising:

instructing execution of the storing step in accordance with a timing signal from a RCCH analyzing unit,

wherein the switching step is performed by a Phase Locked Loop (PLL) unit.

10. The method according to Claim 6, further comprising:

storing the electrical field intensity data of the first base station wireless apparatus and the electrical field intensity data of the second base station wireless apparatus,

wherein the switching step is based upon the stored electrical field intensity data.

11. A wireless communication system for providing communication between a host server and a terminal unit over a network, comprising:

a plurality of wireless servers connected to the network; and

a plurality of wireless base station apparatuses configured to communicate with the terminal unit, the plurality of wireless base station apparatuses correspondingly coupled to the plurality of wireless servers, each of the wireless base station apparatuses adding an index to channel information associated with each of the other wireless base station apparatuses that are adjacent.

12. The system according to Claim 11, wherein one of the wireless servers being designated as a home server, the home server having positional information of the terminal unit within the communication areas of the wireless servers.

13. The system according to Claim 11, wherein the network is an Internet Protocol (IP) based network.

14. The system according to Claim 13, further comprising:

a dynamic host configuration protocol (DHCP) server coupled to one of the wireless servers to issue an IP address associated with the terminal unit.

15. A computer readable medium storing program instructions for execution on a computer system, which when executed by a computer, cause the computer to perform the steps of:

analyzing a packet that is transmitted from a base station wireless apparatus;

determining a destination of the packet based upon the analyzing step; and

detecting and storing electrical field intensity data associated with another base station wireless apparatus based upon the determining step.

16. The computer readable medium of claim 15, wherein the computer readable medium further stores program instructions for causing the computer to perform the step of:

selectively switching a reception channel to the other base station wireless apparatus based upon the stored electrical field intensity data.

17. A computer readable medium storing program instructions for execution on a computer system, which when executed by a computer, cause the computer to perform the steps of:

obtaining positional information based upon a distance between a base station wireless apparatus and a peripheral base station wireless apparatus;

adding an index to channel information within a packet based upon the positional information; and

transmitting the packet containing the added index.

18. The computer readable medium of claim 17, wherein the computer readable medium further stores program instructions for causing the computer to perform the steps of:

receiving a terminal registration request from a terminal unit; and

communicating the terminal registration request to a wireless server for authentication.